

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/09146

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K3/36 C08L83/04 C08K9/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 44 42 158 A (GEN ELECTRIC) 1 June 1995 (1995-06-01) page 5, line 23-54	1
Y	US 6 328 944 B1 (GOLCHERT RAINER ET AL) 11 December 2001 (2001-12-11) column 3, line 26-36	1
A	EP 0 890 602 A (BRIDGESTONE CORP) 13 January 1999 (1999-01-13) page 2, line 44 -page 3, line 45; claim 1	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

9 December 2003

Date of mailing of the international search report

17/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Von Kuzenko, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/09146

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4442158	A	01-06-1995	DE 4442158 A1 01-06-1995
			FR 2713233 A1 09-06-1995
			GB 2284214 A ,B 31-05-1995
			JP 7216234 A 15-08-1995
US 6328944	B1	11-12-2001	DE 19650500 A1 10-06-1998
			CA 2223377 A1 05-06-1998
			DE 59700926 D1 03-02-2000
			EP 0850876 A1 01-07-1998
			JP 10167717 A 23-06-1998
			US 2002035950 A1 28-03-2002
EP 0890602	A	13-01-1999	US 5872176 A 16-02-1999
			CA 2242383 A1 11-01-1999
			DE 69811151 D1 13-03-2003
			DE 69811151 T2 25-09-2003
			EP 0890602 A1 13-01-1999
			ES 2191886 T3 16-09-2003
			JP 11228746 A 24-08-1999
			US 6180710 B1 30-01-2001